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CLAIMS:

What is claimed is:

- 5 1. A method of servicing a plurality of read requests
using a common mirror comprising the steps of:

determining whether the amount of data requested by the
read requests is within a user-configurable threshold;
10 chaining the read requests together if the amount of
data requested by the read requests is within the user-
configurable threshold; and

15 sending the chained requests to the common mirror for
servicing.
2. The method of Claim 1 wherein the common mirror is a
least used mirror in a set of mirrors.
- 20 3. The method of Claim 2 wherein it is ascertained that
the data being requested by the read requests is within
a user-configurable range before chaining the read
requests together.
- 25 4. The method of Claim 2 wherein it is ascertained that
the plurality of read requests is to be grouped
together before the read requests are chained together.
- 30 5. A method of servicing a read request using a common
mirror comprising the steps of:

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receiving a first read request;

sending the first read request to a mirror to be serviced;

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receiving a second read request;

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determining whether the amount of data requested by the first and the second read requests is within a user-configurable threshold; and

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sending, if the amount of data requested by the first and the second read requests is within the user-configurable threshold, the read request to the mirror to which the first read request was sent to be serviced.

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6. The method of Claim 5 further including the step of determining whether the first read request is presently being serviced when the second read request is received.

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7. The method of Claim 6 wherein if the first read request is being serviced when the second read request is received, it is ascertained that the data being requested by the second read request is within a user-configurable range of the data requested by the first read request before the second read request is sent to the same mirror as the first read request.

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8. The method of Claim 6 wherein if the first read request is not being serviced when the second read request is

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received, it is ascertained that the second read request is received within a user-configurable time frame from the first read request before the second read request is sent to the same mirror as the first read request.

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9. A computer program product on a computer readable medium for servicing a plurality of read requests using a common mirror comprising:

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code means for determining whether the amount of data requested by the read requests is within a user-configurable threshold;

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code means for chaining together the read requests if the amount of data requested by the read requests is within the user-configurable threshold; and

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code means for sending the chained requests to the common mirror for servicing.

10. The computer program product of Claim 9 wherein the common mirror is a least used mirror in a set of mirrors.

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11. The computer program product of Claim 10 wherein it is ascertained that the data being requested by the read requests is within a user-configurable range before chaining the read requests together.

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12. The computer program product of Claim 10 wherein it is ascertained that the plurality of read requests is to

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be grouped together before the read requests are chained together.

- 5 13. A computer program product on a computer readable medium for servicing a read request using a common mirror comprising:

code means for receiving a first read request;

- 10 code means for sending the first read request to a mirror to be serviced;

code means for receiving a second read request;

- 15 code means for determining whether the amount of data requested by the first and the second read requests is within a user-configurable threshold; and

- 20 code means for sending, if the amount of data requested by the first and the second read requests is within the user-configurable threshold, the read request to the mirror to which the first read request was sent to be serviced.

- 25 14. The computer program product of Claim 13 further comprising code means for determining whether the first read request is presently being serviced when the second read request is received.

- 30 15. The computer program product of Claim 14 wherein if the first read request is being serviced when the second read request is received, it is ascertained that the

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5 data being requested by the second read request is within a user-configurable range of the data requested by the first read request before the second read request is sent to the same mirror as the first read request.

10 16. The computer program product of Claim 14 wherein if the first read request is not being serviced when the second read request is received, it is ascertained that the second read request is received within a user-configurable time frame from the first read request before the second read request is sent to the same mirror as the first read request.

15 17. A system for servicing a plurality of read requests using a common mirror comprising:

20 at least one storage device for storing code data; and
at least one processor for processing the code data to determine whether the amount of data requested by the read requests is within a user-configurable threshold, to chain together the read requests if the amount of data requested by the read requests is within the user-configurable threshold, and to send the chained
25 requests to the common mirror for servicing.

18. The system of Claim 17 wherein the common mirror is a least used mirror in a set of mirrors.

30 19. The system of Claim 18 wherein it is ascertained that the data being requested by the read requests is within

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a user-configurable range before chaining the read requests together.

5 20. The system of Claim 18 wherein it is ascertained that the plurality of read requests is to be grouped together before the read requests are chained together.

10 21. A system for servicing a read request using a common mirror comprising:
at least one storage device for storing code data; and

15 at least one processor for processing the code data to receive a first read request, to send the first read request to a mirror to be serviced, to receive a second read request, to determine whether the amount of data requested by the first and the second read requests is within a user-configurable threshold, and to send, if
20 the amount of data requested by the first and the second read requests is within the user-configurable threshold, the read request to the mirror to which the first read request was sent to be serviced.

25 22. The system of Claim 21 further processing the code data to determine whether the first read request is presently being serviced when the second read request is received.

30 23. The system of Claim 22 wherein if the first read request is being serviced when the second read request is received, it is ascertained that the data being requested by the second read request is within a user-

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configurable range of the data requested by the first read request before the second read request is sent to the same mirror as the first read request.

- 5 24. The system of Claim 22 wherein if the first read
request is not being serviced when the second read
request is received, it is ascertained that the second
read request is received within a user-configurable
time frame from the first read request before the
10 second read request is sent to the same mirror as the
first read request.